

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4923 - L2 Version 001
Chandra X-Ray Center

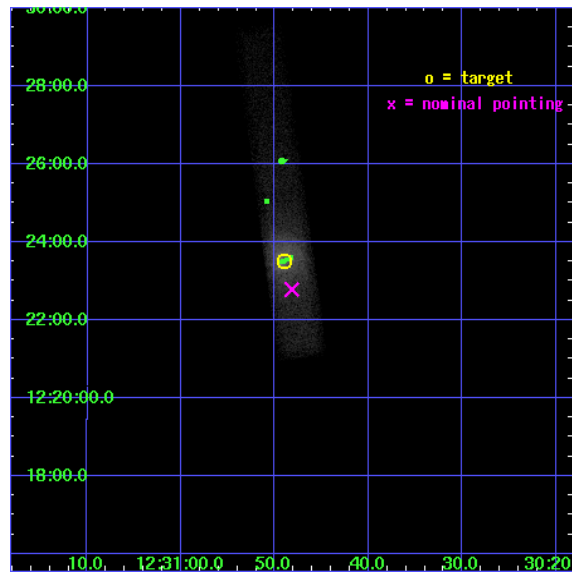
L2 Processing Date : Apr 26 2006

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1 Front

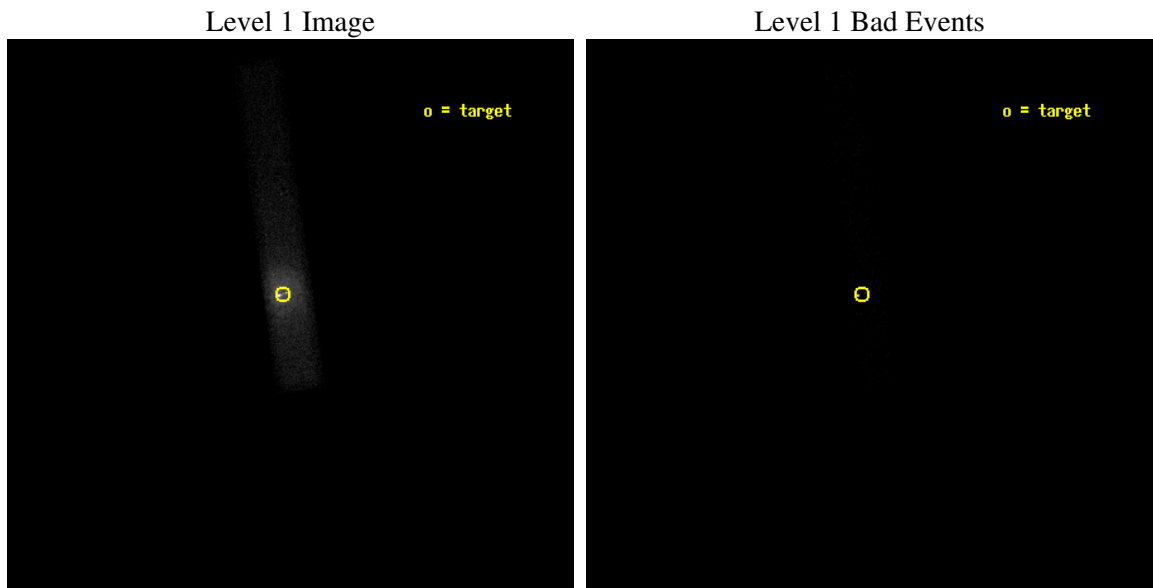
seq_num	701004
obs_id	4923
title	HST/Chandra Monitoring of a Dramatic Flare in the M87 Jet
observer	Dr. John Biretta
object	M87
dtcycle	0
cycle	P
ra_targ	187.704167
dec_targ	12.391667
ra_nom	187.70080149901
dec_nom	12.379649618647
roll_nom	262.15732347716
revision	2
ontime	5108.8000761271
livetime	4633.4120044686
ontime7	5108.8000761271
l2events	58078



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	2
ascdsver	7.6.7.2
caldbver	3.2.1
date	2006-04-26T12:09:28
revision	2

sched_exp_time	5100.000000
ontime	5110.2666572332
ontime7	5110.2666572332
l1events	67453

2.1.4 Events

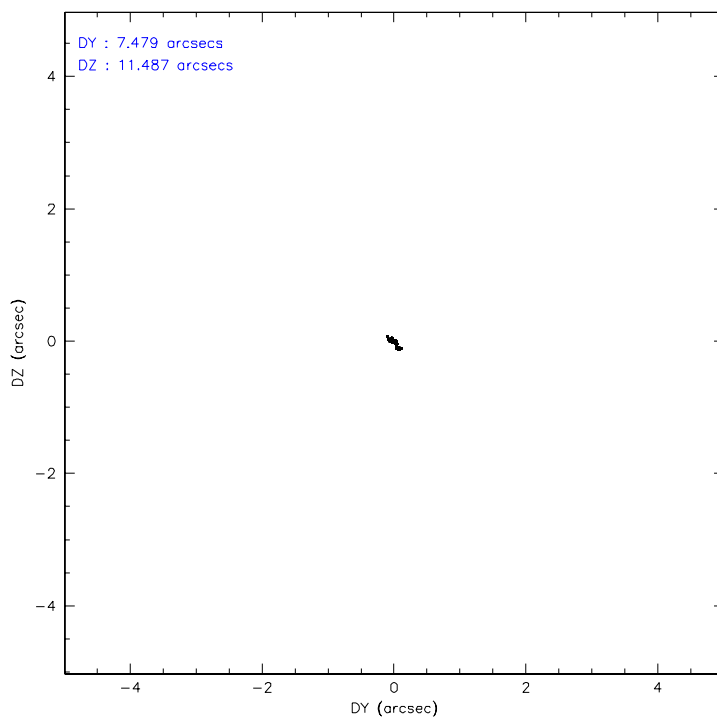
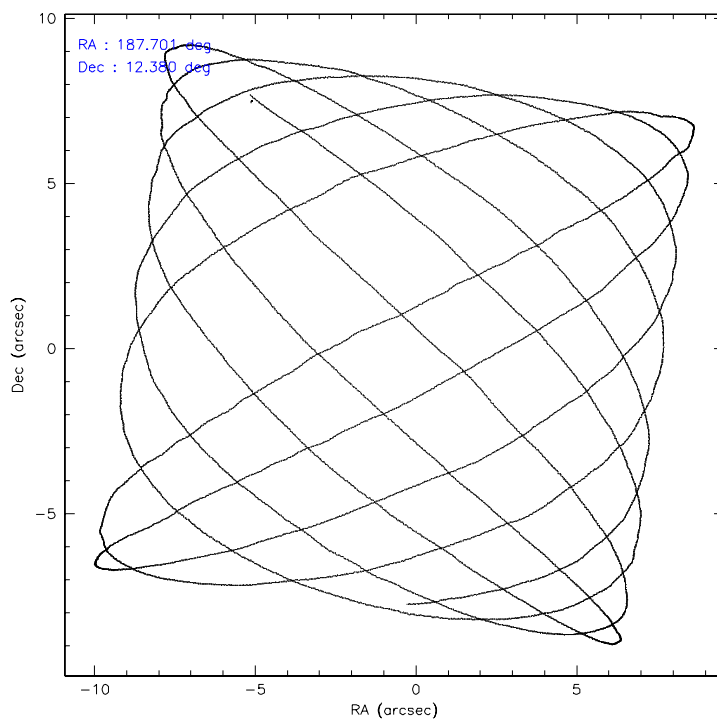
	ccd 7
level 1 events	67453
rejected events	8773
rejected %	13%

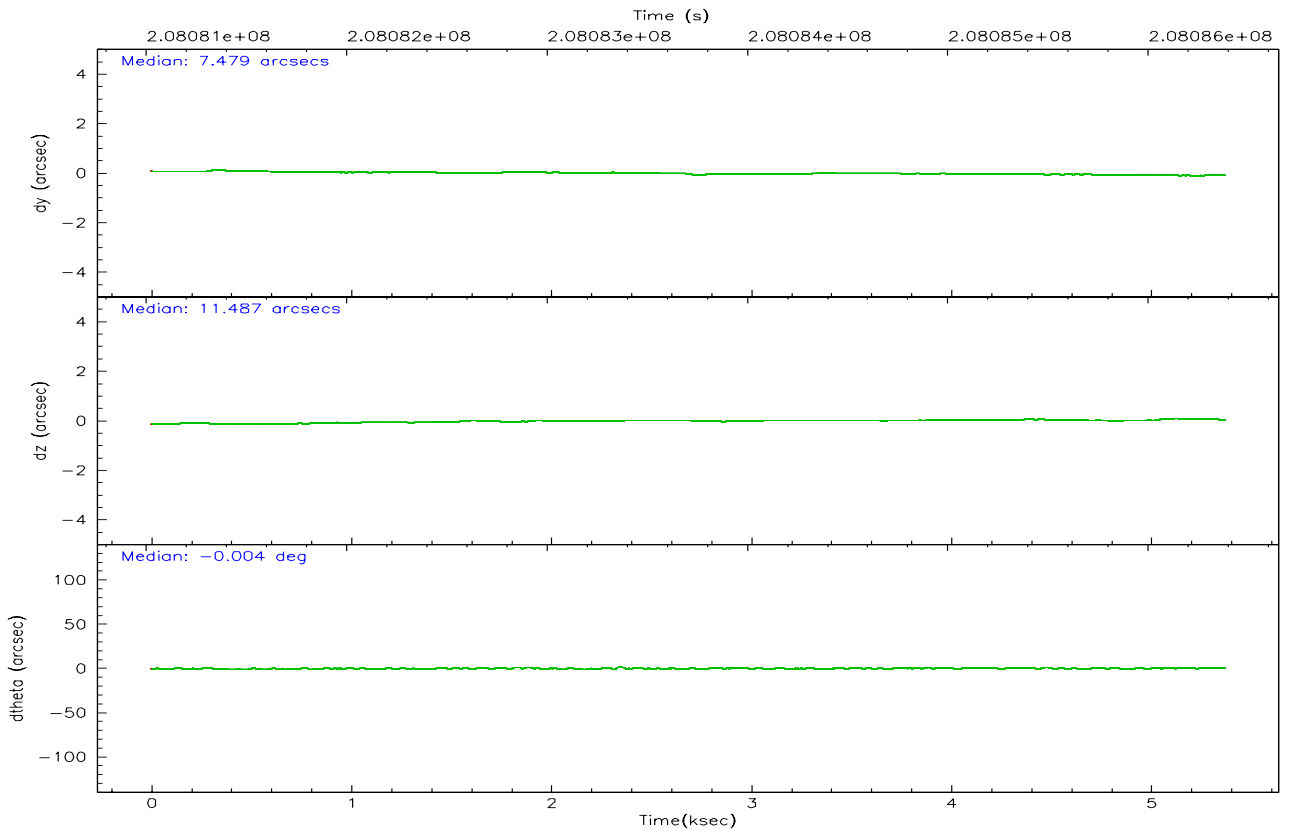
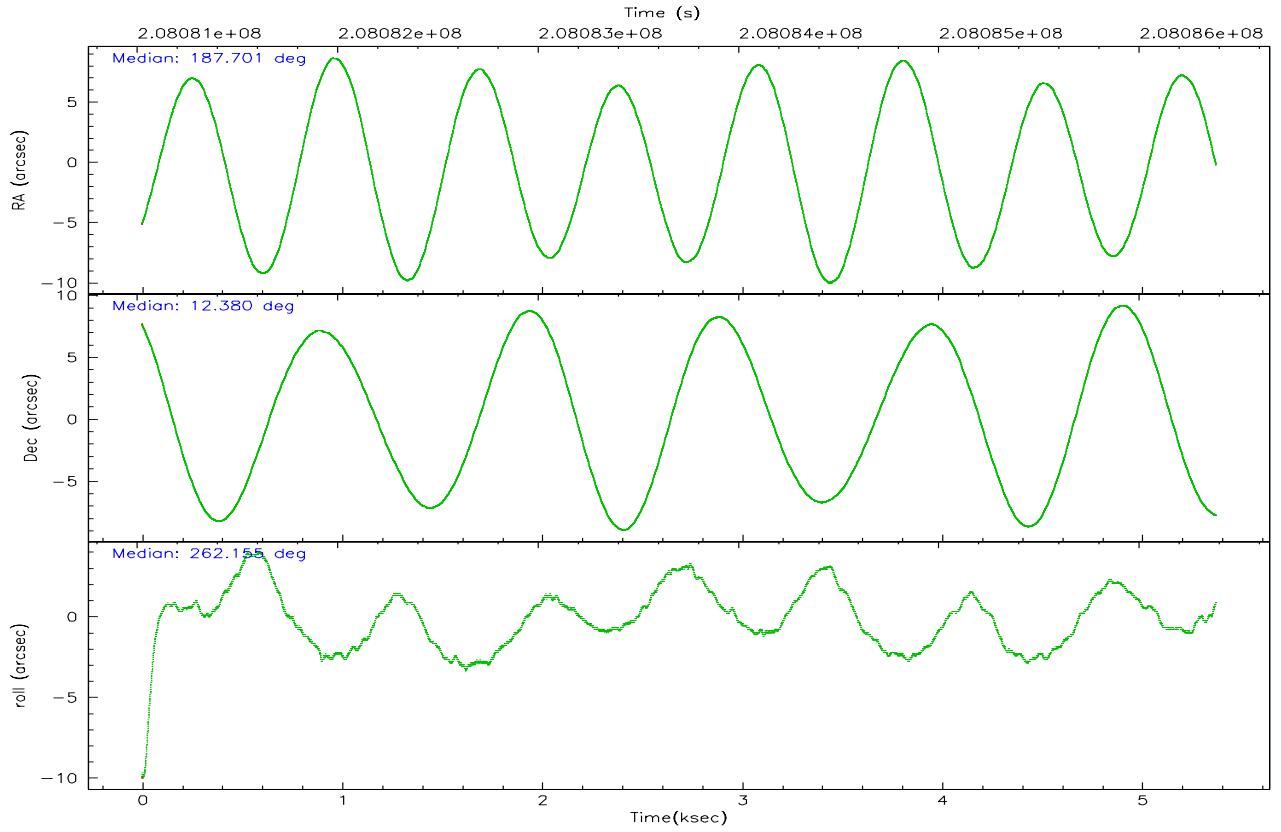
	ccd 7
grade 0 events	17261
	25%
grade 1 events	381
	0%
grade 2 events	15307
	22%
grade 3 events	6509
	9%
grade 4 events	6343
	9%
grade 5 events	2223
	3%
grade 6 events	13283
	19%
grade 7 events	6146
	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/8	1/8
Pointing RA	187.689852	187.7008014990105	Subarray start row	0	449
Pointing Dec	12.404746	12.37964961864713	Subarray row count	1024	128
Pointing Roll	262.003071	262.1573234771647	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.4
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	208081292.184000	208080711.58704			
Observation start date	2004-08-05T08:20:28	2004-08-05T08:11:51			
Observation end time	208086392.184000	208086862.61231			
Observation end date	2004-08-05T09:45:28	2004-08-05T09:54:22			
Read mode	TIMED	TIMED			

2.3 Aspect



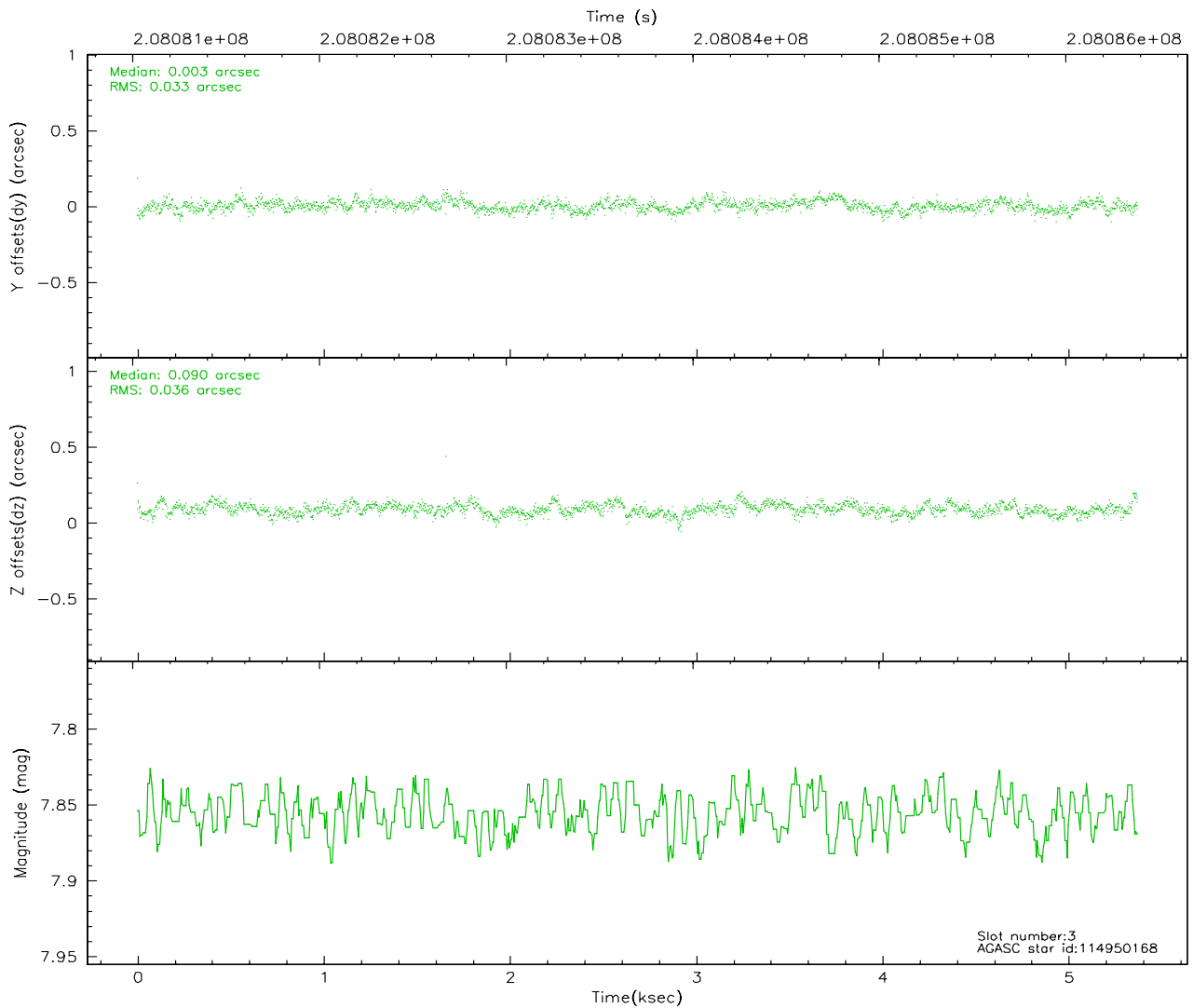
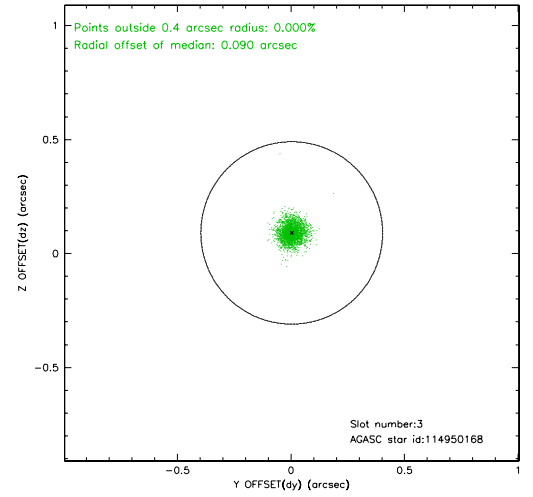
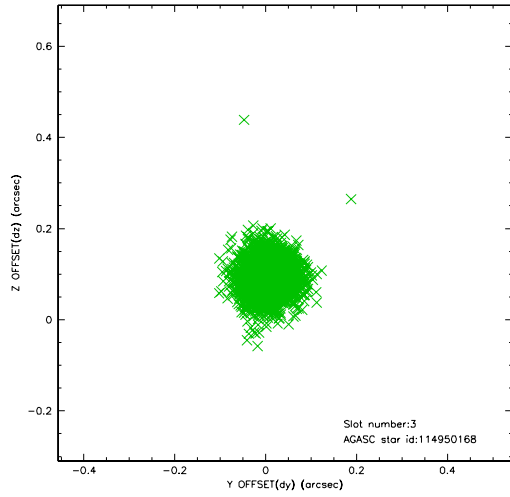


Slot Statistics

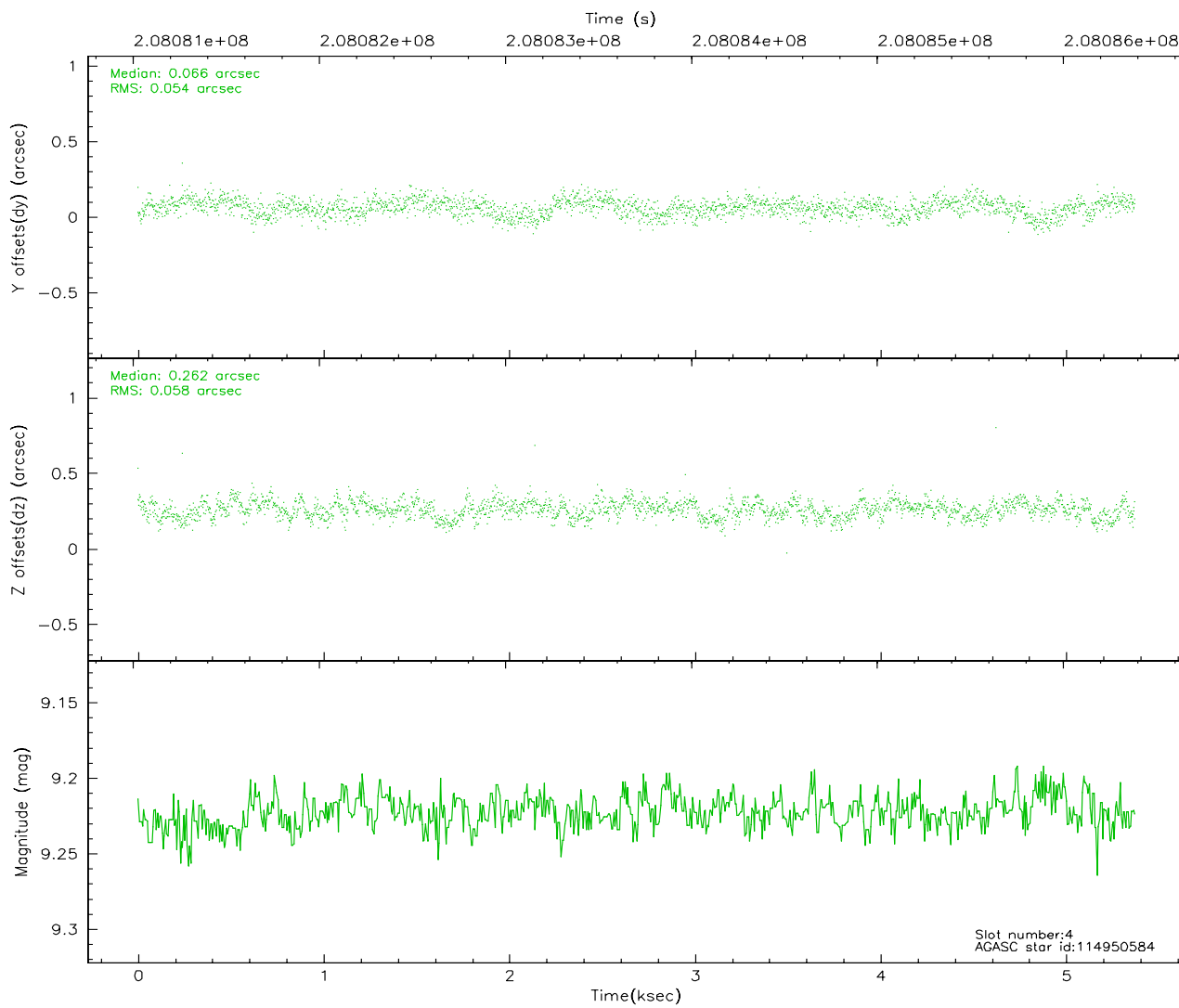
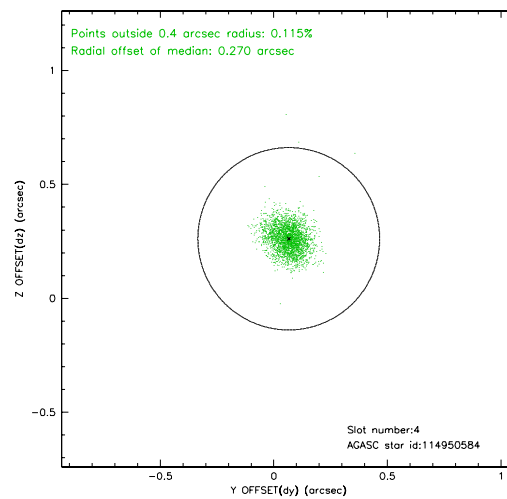
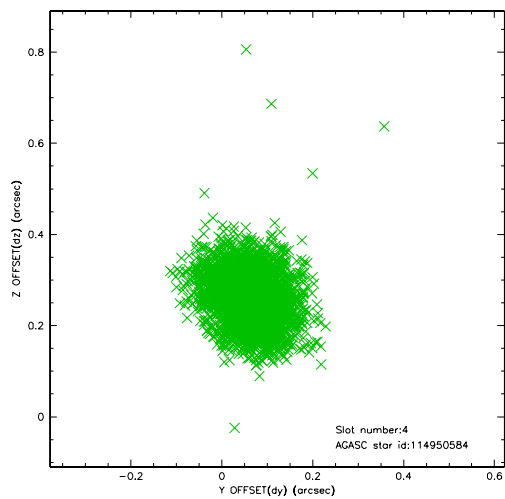
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1311	-0.016	0.014	0.006	0.011	0.000000	0.000000	-760.24	-1732.75
1	FID	ACIS-S-4	7.20	1311	0.024	0.004	0.006	0.010	0.000000	0.000000	2152.55	174.59
2	FID	ACIS-S-5	7.23	1311	-0.040	-0.009	0.006	0.011	0.000000	0.000000	-1811.68	169.49
3	GUIDE	114950168	7.86	2619	0.003	0.090	0.052	0.082	187.143398	12.117441	1290.42	-1761.14
4	GUIDE	114950584	9.22	2615	0.066	0.262	0.084	0.132	187.487323	11.827248	2158.77	-418.18
5	GUIDE	114955056	8.32	2621	0.041	-0.095	0.064	0.105	187.914001	12.127854	878.22	919.42
6	GUIDE	114955568	7.55	2621	0.159	-0.200	0.055	0.091	187.061916	11.826551	2367.52	-1901.98
7	GUIDE	115348424	9.51	2618	-0.272	-0.054	0.104	0.169	187.199498	13.087929	-2196.82	-2046.28

2.4 Star Slots

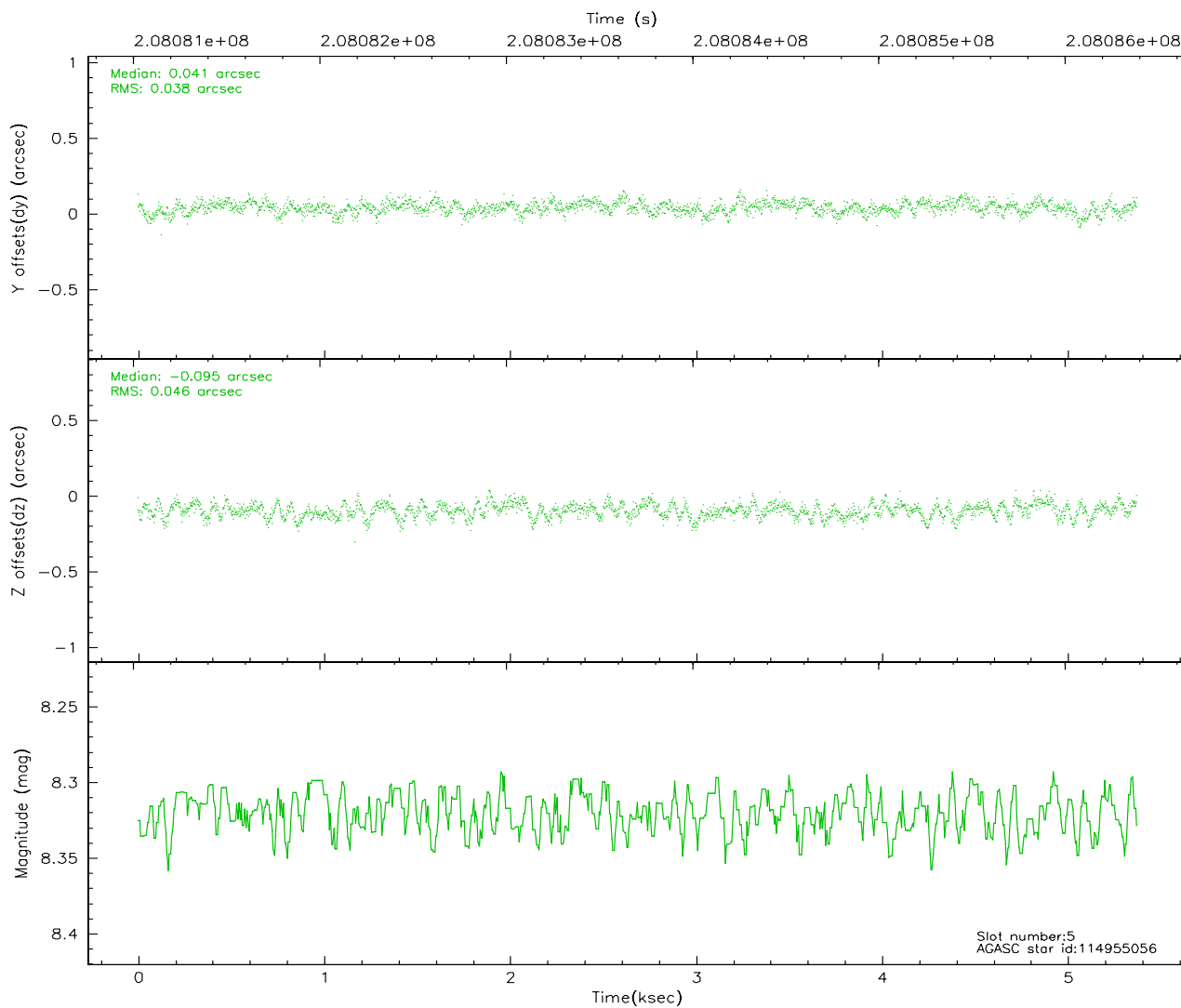
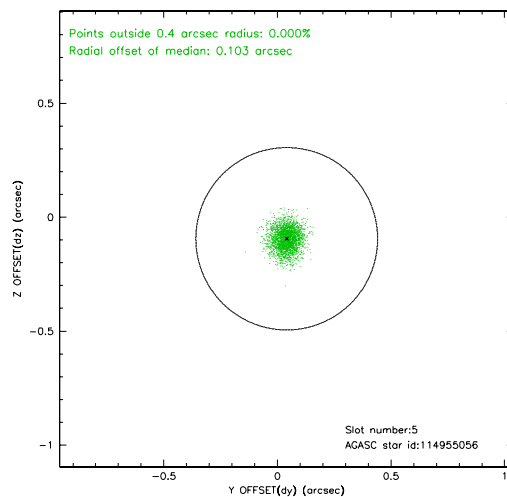
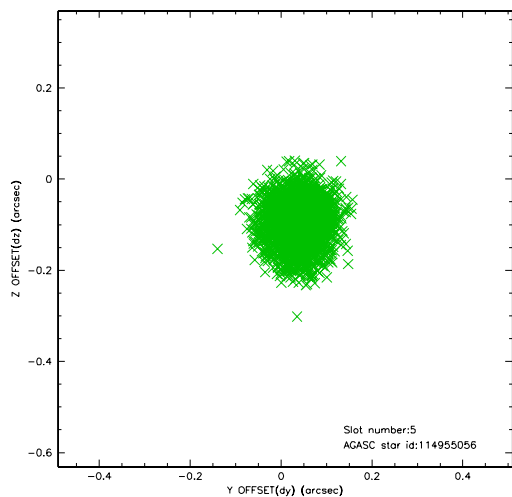
2.4.1 Slot 3



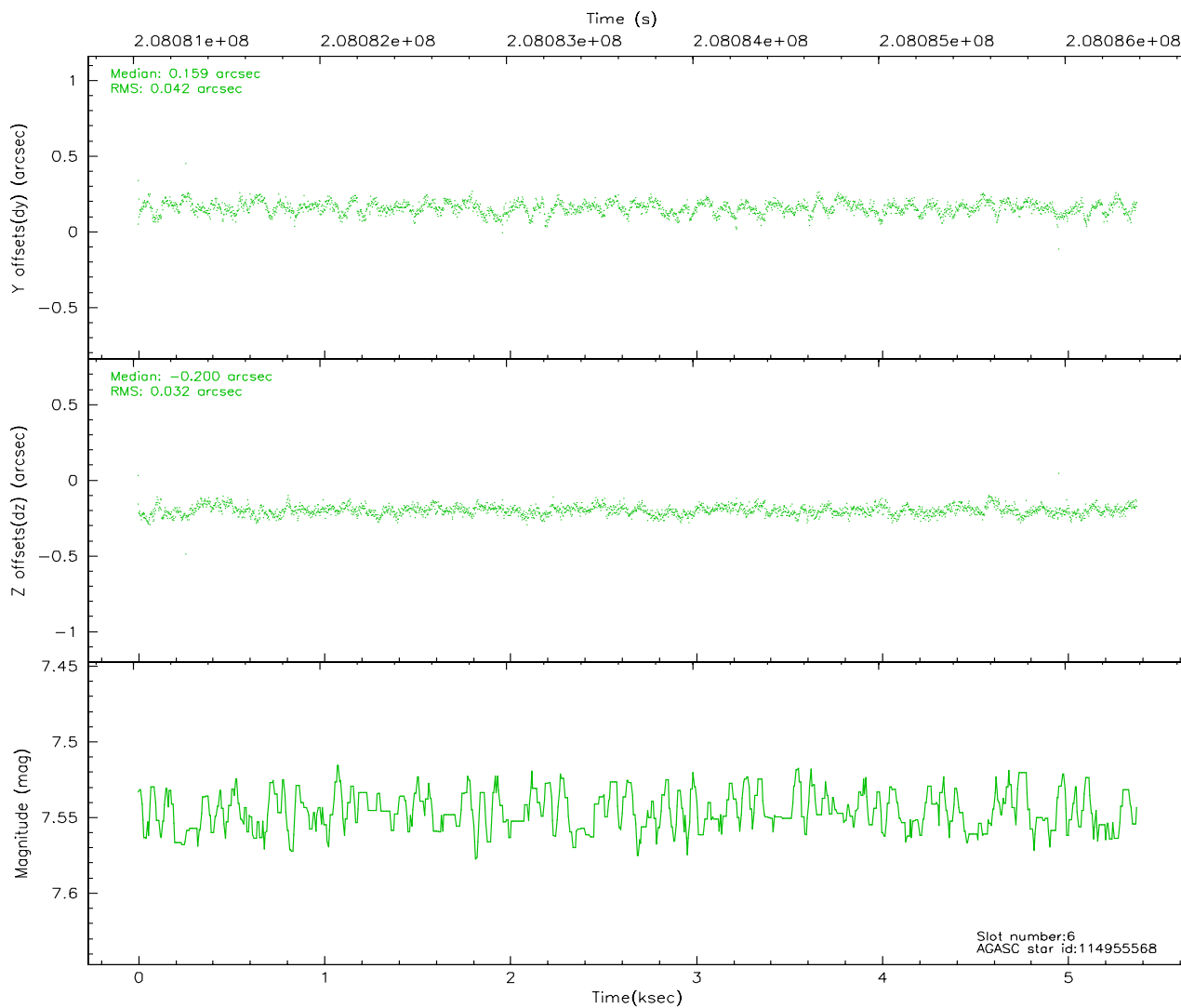
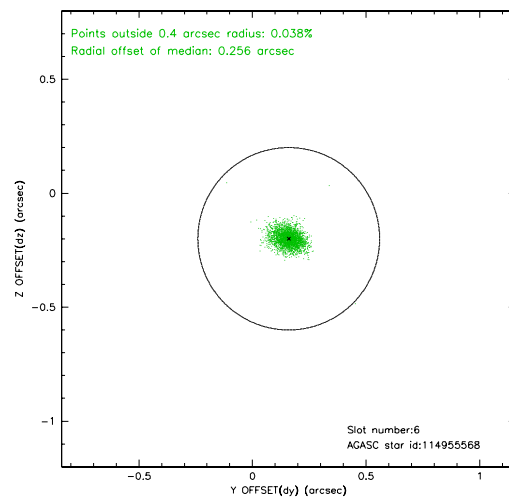
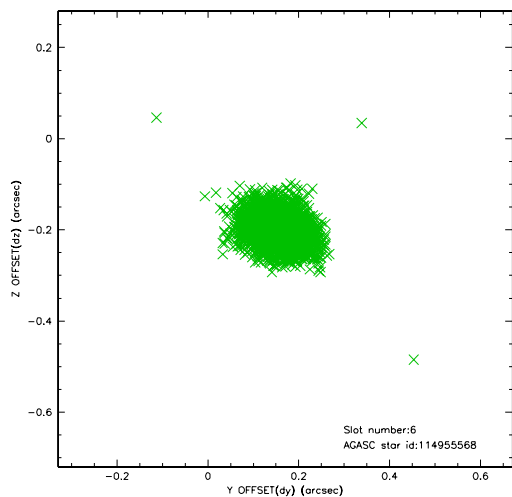
2.4.2 Slot 4



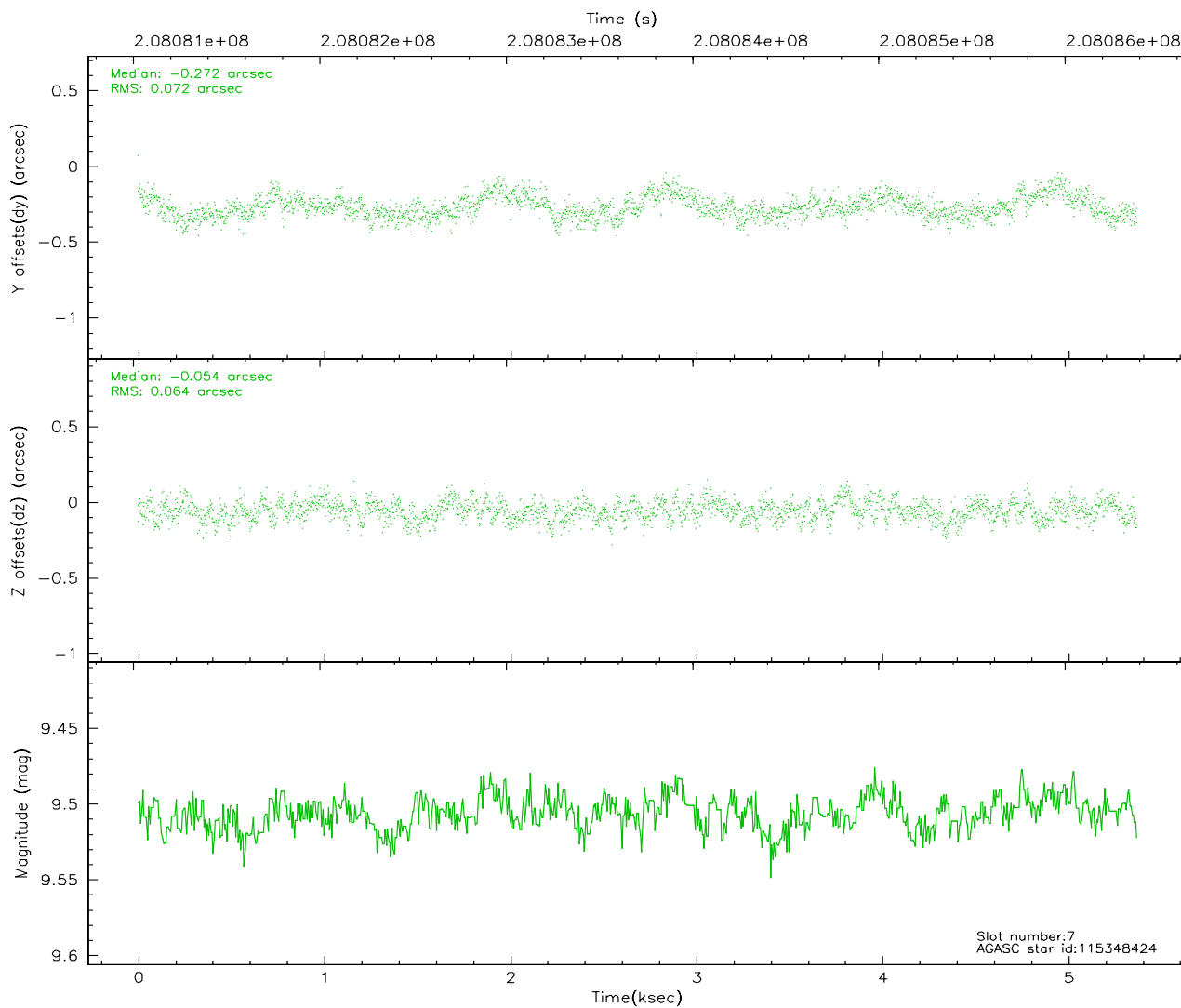
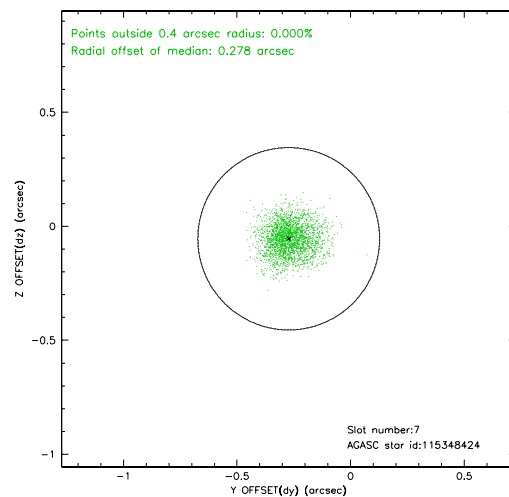
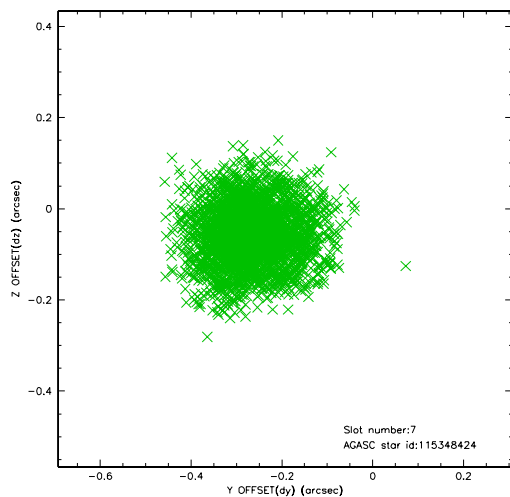
2.4.3 Slot 5



2.4.4 Slot 6

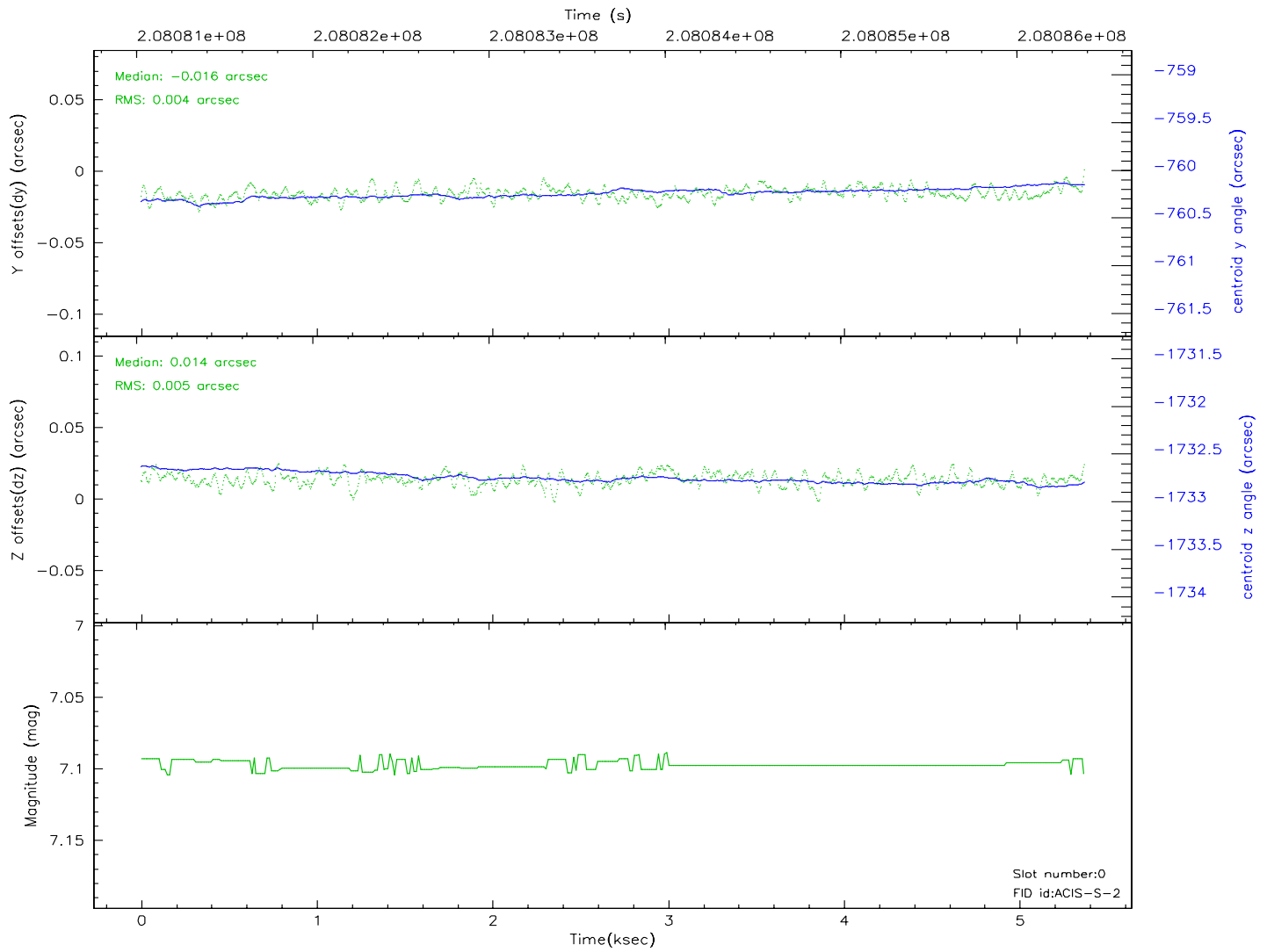
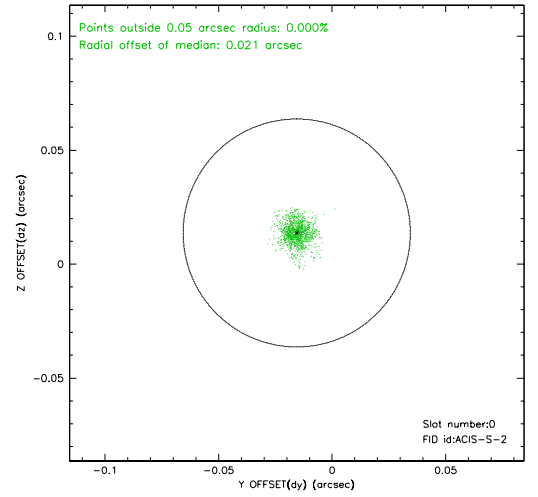
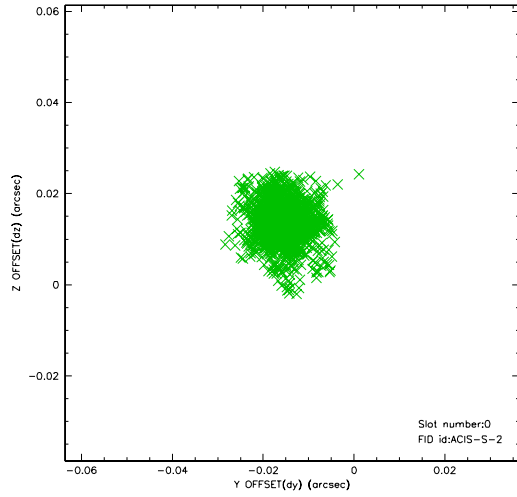


2.4.5 Slot 7

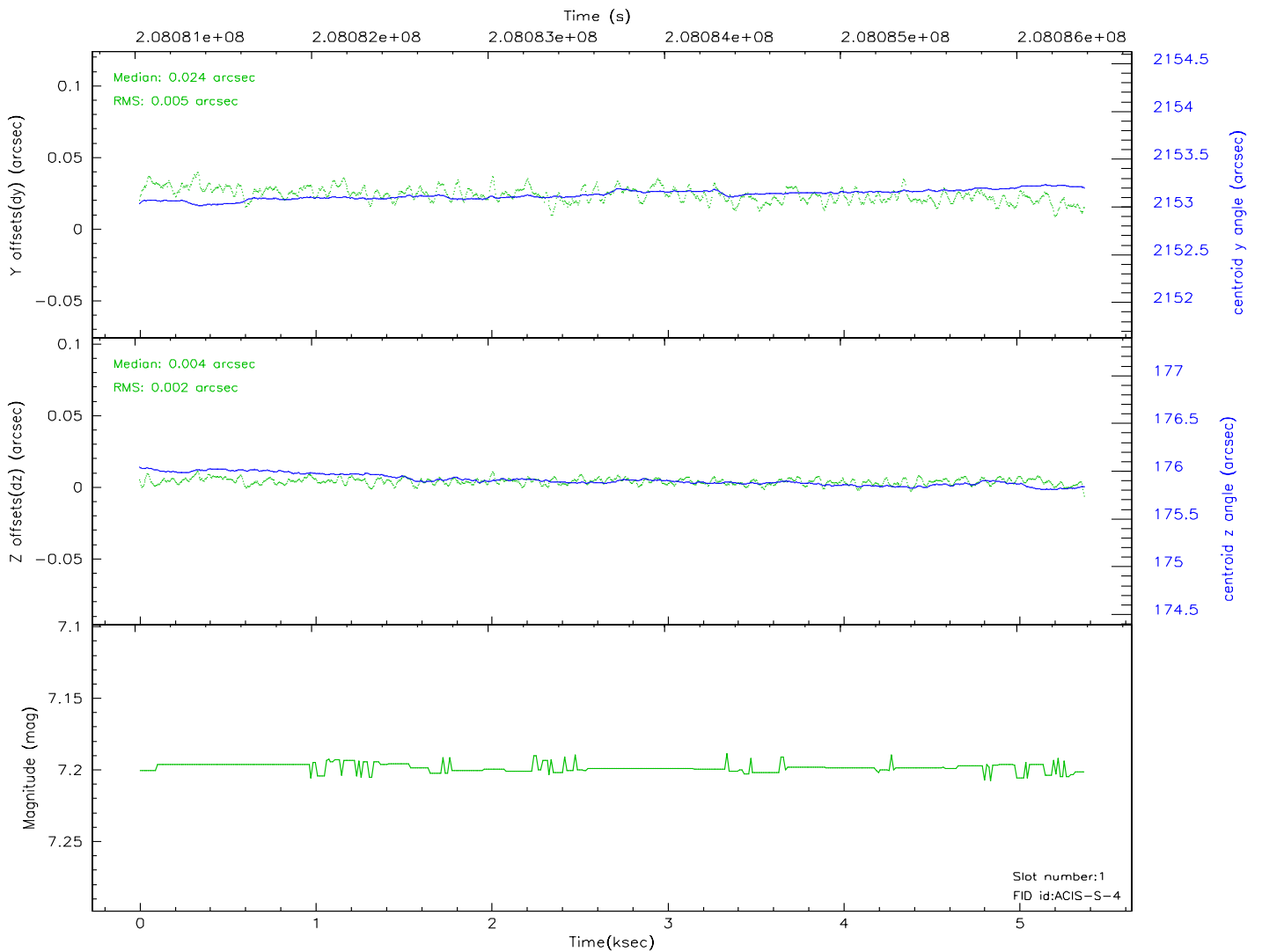
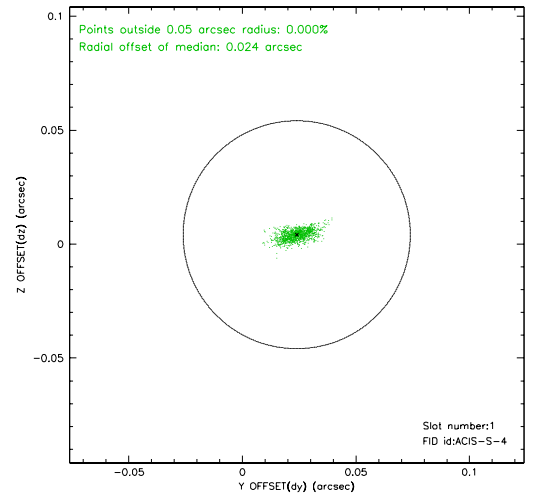
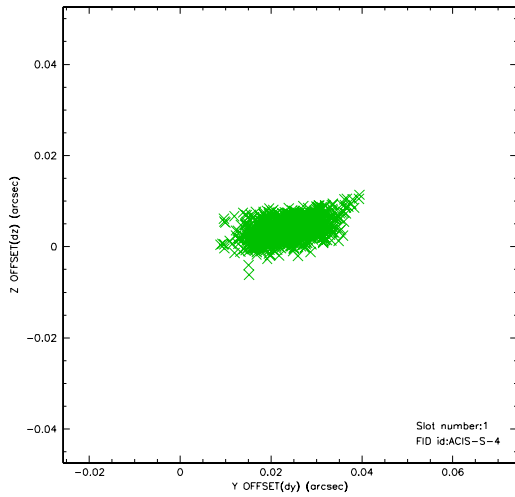


2.5 FID Slots

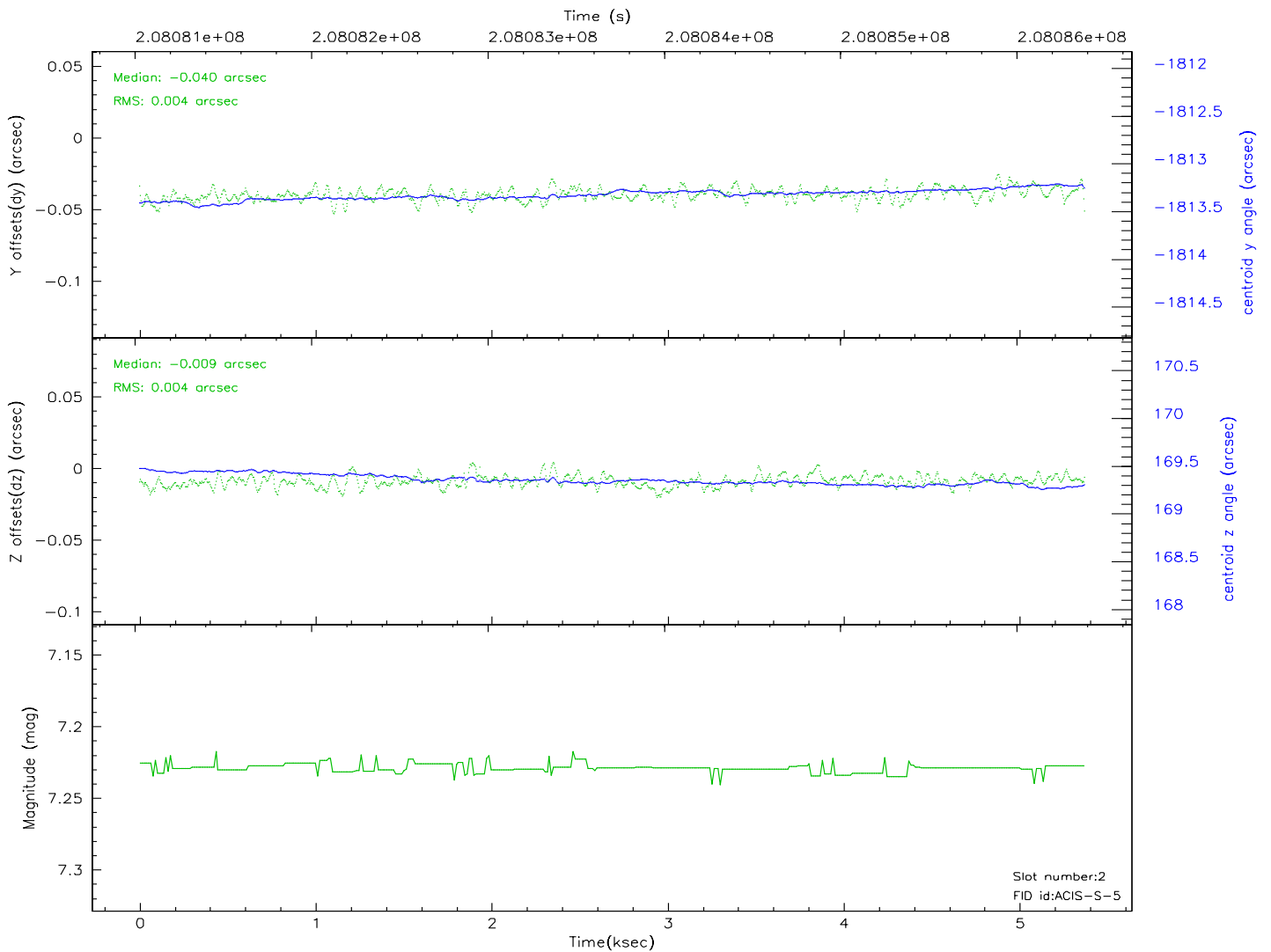
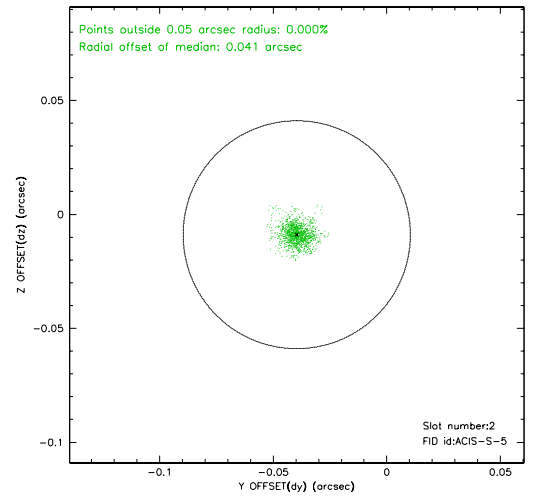
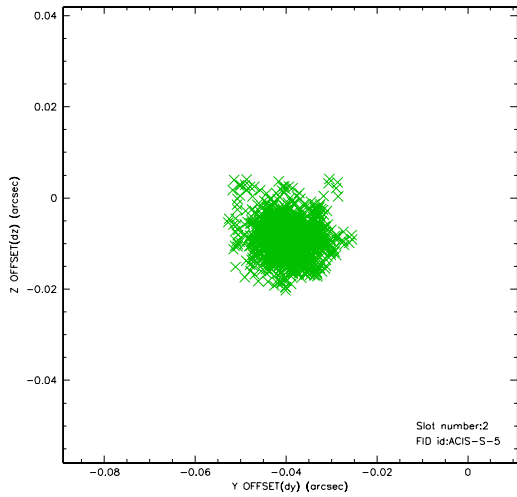
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.108

A.2 Comments